

AMENDMENT TO THE CLAIMS:

This listing of claims shall replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A magnesium based alloy, for high pressure die casting with good castability, having a minimum creep rate (MCR) at 150°C of from 1.1 to 3.2×10^{-9} /s under the stress of 50 MPa in combination with a tensile yield strength (TYS) of from 145 to 182 MPa at ambient temperature, and an ultimate tensile strength (UTS) of from 244 to 275 MPa at ambient temperature containing:

- a) at least 86 wt% Mg,
- b) 6.1 to 9.2 wt% aluminum,
- c) 0.08 to 0.38 wt% manganese,
- d) 0.00 to 0.9 wt% zinc,
- e) 0.2 to 1.2 wt% calcium,
- f) 0.2 to 1.4 wt% strontium,
- g) 0.00 to 0.8 wt% rare earth elements,
- h) 0.00 to 0.02 wt% zirconium, and
- i) ~~0.0000 to 0.0004 wt% beryllium~~

i) up to 0.004 wt% iron, up to 0.001 wt% nickel, up to 0.003 wt% copper, and/or up to 0.03 wt% silicon

wherein the total amount of calcium and strontium > 0.9 wt%, and

wherein the alloy is beryllium-free.

2. (Cancelled)

3. (Cancelled)

4. (Previously Presented) An alloy according to claim 1, further comprising incidental impurities.

5. (Cancelled)

6. (Previously Presented) An alloy according to claim 1, wherein the total amount of calcium and strontium is higher than 0.9 wt% and lower than 1.6 wt%.

7. (Previously Presented) An alloy according to claim 1, which contains 7.8 to 8.8 wt% aluminum, 0.00 to 0.3 wt% zinc, 0.65 to 1.05 wt% calcium, 0.25 to 0.65 wt% strontium, 0.00 to 0.2 wt% rare earth elements, and 0.08 to 0.28 wt% manganese.

8. (Original) An alloy according to claim 7, comprising in their structure an Mg-Al solid solution as a matrix, and intermetallic compounds $\text{Mg}_{17}\text{Al}_9\text{Ca}_2\text{Sr}$, $\text{Al}_2\text{Ca}_{0.5}\text{Sr}_{0.5}$, and $\text{Al}_8(\text{Mn}, \text{RE})_5$, said intermetallic compounds being located at grain boundaries of the Mg-Al solid solution.

9. (Cancelled)

10. (Cancelled)

11. (Previously Presented) An alloy according to claim 1,
wherein rare earth elements comprise a mischmetal.

12. (Cancelled)

13. (Cancelled)

14. (Previously Presented) An article which is a casting of a
magnesium alloy of claim 1.

15 – 25. (Cancelled).